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L8: Entry 11 of 24

File: USPT

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DOCUMENT-IDENTIFIER: US 5849839 A

TITLE: Multifunctional organic polymers

Detailed Description Text (96):

The same technology can be applied using any of numerous other classes of drugs, such as growth factors, growth factor antagonists, receptor antagonists, adhesion factors, adhesion antagonists, antimitotics, antisense oligonucleotides, and many others. In a similar approach, the drug is attached to the ends of the nonbinding domain via a cleavable linker, such as a lactic acid dimer or oligomer, or an enzymatically cleavable peptide or saccharide. In this way, a controlled release of the tissue-bound drug may be engineered into the conjugate of the drug with the bi-functional polymer.